



ProcessLogix R500.1 SP1 and R510.0 Station Update 4 HMIWeb Station and Display Builder R2.0.310.460

This document describes the following:

- contents of this update
- installation of this update
- problems resolved in this update
- known problems in this update

IMPORTANT

- This update should be installed on all R500.1 SP1 and R510.0 Servers and Clients.
 - ProcessLogix R500.1 SP1 and R510.0 Station Update 4 supersedes ProcessLogix R500.1 SP1 and R510.0 Station Update 3.
 - Prior installation of Station Update 1, 2 or 3 is not required for installation of Station Update 4.
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Contents of Update

This update contains the following software:

- Station R2.0.310.460
- HMIWeb Display Builder R2.0.310.460

Installation

This section details the installation of this update.

Before You Begin

Before beginning the installation, you must download the following file to your ProcessLogix Server(s) and Client(s):

- Station R2.0 Build 460.exe

The following software components must be installed before you install this update:

- Windows 2000 Service Pack 3 or 4, or Windows XP
- Internet Explorer v6.0 or 6.0 SP1
- ProcessLogix R500.1 SP1 or R510.0

Server Installation

You must complete this procedure on all Servers in your ProcessLogix system.

If you have a redundant Server pair, you must complete the following procedure on SERVERB first, then repeat the procedure for SERVERA. Be certain that SERVERA is the Primary Server before beginning the installation.

TIP

The station settings files, default.stn and factory.stn, will be overwritten during this procedure. To retain the current settings files, copy them to another location before performing this procedure and copy them back after the procedure has been completed. The settings file are located in C:\Honeywell\Client\Station.

1. Close all running applications.
2. Using Windows® Explorer, go to the directory where the update was downloaded, double-click **Station R2.0 Build 460.exe** to extract the files to C:\Station R2.0 Build 460.
3. Click **Start ⇒ Settings ⇒ Control Panel**.
4. Double-click the **Add/Remove Programs** icon.
5. Select “HMIWeb Station and Display Builder”.

6. Click **Remove**.
7. Click **Yes** to confirm.
8. Close the Add/Remove Programs window. Close the Control Panel.
9. Reboot the machine if prompted to do so.
10. Click **Start** ⇒ **Programs** ⇒ **ProcessLogix Server** ⇒ **Start-Stop ProcessLogix Server** to call up the ProcessLogix Server dialog box.
 - a. With the Full Mode version of the dialog box active, click the **Database Unloaded** option.
 - b. Click **Yes** to confirm the action and wait for the Server to change its state.
 - c. Close the ProcessLogix Server dialog box.
11. Click **Start** ⇒ **Programs** ⇒ **ProcessLogix Server** ⇒ **Setup**.
12. At the Welcome window, click **Next**.
13. Check the Install ProcessLogix Server software option and click **Next**.
14. Check both Station and HMIWeb Display Builder, and make sure no other options are checked, then click **Next**.
15. If you are prompted about replacing a version of Station or HMIWeb Display Builder, click **Yes**.
16. At the Confirmation window, click **Next**.
17. When prompted for a path, browse to C:\Station R2.0 Build 460, click **OK**, then click **OK** again.
18. At the Setup Complete window, click **Finish**.
19. Restart the PC.
20. Press <Ctrl>+<Alt>+<Delete> to prompt the logon information.
21. Logon as ps_user.
22. If you have a redundant Server pair, repeat steps 1–21 on SERVERA.

23. After completing steps 1–21 on both SERVERA and SERVERB, verify that SERVERA is now Primary and synchronize the Servers.

Client Installation

Update Existing Clients

TIP

The station settings files, default.stn and factory.stn, will be overwritten during this procedure. To retain the current settings files, copy them to another location before performing this procedure and copy them back after the procedure has been completed. The settings file are located in C:\Honeywell\Client\Station.

1. Using Windows Explorer, go to the directory where the update was download, double-click **Station R2.0 Build 460.exe** to extract the files to C:\Station R2.0 Build 460.
2. Click **Start** ⇒ **Settings** ⇒ **Control Panel**.
3. Double-click the Add/Remove Programs icon.
4. Select “HMIWeb Station and Display Builder”.
5. Click **Remove**.
6. Click **Yes** to confirm.
7. Close the Add/Remove Programs window. Close the Control Panel.
8. Reboot the machine if prompted to do so.
9. Click **Start** ⇒ **Run**.
10. Enter the following path into the Open field, or Browse to the setup.exe file:
`>"C:\Station R2.0 Build 460\setup.exe"<`
11. Click **OK** to launch the HMIWeb Station and Display Builder installation.
12. At the Welcome window, click **Next**.

13. Verify the User Name and Organization.
14. Click the **Anyone who uses this computer** option and click **Next**.
15. Verify that the destination folder is C:\Honeywell\Client and click **Next**.
16. Click the **Complete** option and click **Next**.
17. Click **Install**.
18. When the installation is complete, click **Finish**.

Problems Resolved in this Update

This section lists those problems resolved since Station and HMIWeb Display Builder R2.0 Build 460.

Table 1 Problems Resolved in Station

ISR	Description
27537	Mouse pointer symbol inconsistent
32382	Hand cursor does not get shown if mouse is over a button when a page is first called up
34891	Cursor does not always change when leaving command zone
39497	Setting the CommandZoneText property does not leave command zone in focus anymore.
40651	Station Rare crash in Station process when loading a page containing alarm & event table
41359	Station Custom DSP displays flash if large scripts or bitmaps exist
41618	Station IKB Enter Key stops working when a message box is invoked in a PopupWindow
42025	Station Data Subscription on HMIWeb pages can become corrupt if faceplates are pushpinned.
42466	OnPageComplete not fired on page if HVG object has data applied and then removed.
43252	Safebrowser causes Station to hang while reload DVM camera pages
43478	If the -sf option is used, the operator is not able to manipulate CDA chart data
43903	Station crashes/hangs when using F5 key and performing operator commands
44051	String returned in OnMenu2 event handler should be Command ID not Action ID
44355	The DataSourceManager.exe's fail safe clean-up is not working for PMD
44631	Pressing F5 in command zone prevents command zone from working
44689	TemporaryMessageZoneText does not work with station 2.0.310.379.
44739	"t" character ignored in command zone
45364	Station can hang if calling up a page as you navigate back.
45368	Station can hang when changing between pages that contain two DVM objects
45414	Still many strings cannot be translated with StationMessages.txt
45447	DVM objects sometimes not displayed within safebrowse

Table 1 Problems Resolved in Station

ISR	Description
46147	Time Alphanumeric shows both date and time
46701	The page up/down pushbuttons do not work on the first press they just put a double quote or exclamation mark in the command zone
46763	Navigating to a non-existent numbered display (.dsp) does not show a blank display
46876	The Global Logging functions, defined in globallogging.ccp/.h, can corrupt the heap
47036	DFD color breakpoint data does not print, only fill color is printed
48227	Comms engine goes to 100% CPU usage when reading japanese localized characters
49077	Under some circumstances it is possible for the logging server to leak huge amounts of handles as well as some private bytes
49124	"Unable to connnect" and "Idle time out" message boxes contain extra characters.
49332	The alphanumeric only print 9 characters, even it has been set to 20 characters and the width is large enough for containing 20 characters.

Table 2 Problems Resolved in HMIWeb Display Builder

ISR	Description
42099	An error occurs during installation because the bulk migrator is not packaged
43072	HMIWeb display that contains shape elements will eventually become corrupted after many saves.

Known Problems in this Update

This section lists known problems in Station and HMIWeb Display Builder R2.0.310.460.

Table 3 Known Problems in Station

ISR	Description	Workaround
18748	The Alarm and Comms Status refreshes even with no connection to a server.	
22579	Hover over Multiline alphanumeric does not work in .dsp displays	
23188	Traversing Combobox drop-down list with Page Up/ Page Down keys does not work.	
23498	Combobox does not fire onkeydown, onkeyup, or onkeypress events on HMIWeb displays.	
23523	A pulldown menu will not scroll if it can't fit on the screen	
25707	There is a break in the trend page for 1Sec and in 1 minute snapshots.	
26608	Trending does not update trace when a new parameter is selected.	
26963	In the Dialog box, Operator Message Zone and Trend, the message and month should not be shown in Chinese characters.	
27497	Selecting to enable or disable Station Audible Alarms does not change the Audible property until the next station startup.	
27586	If a repeat of checkboxes, with default repeat spacing, is displayed in a DSP display, the dynamic area per checkbox is too large.	

Table 3 Known Problems in Station

ISR	Description	Workaround
28094	Alphanumerics display red dashes if displaying gated history on HMIWeb displays.	
28378	The OpenHelp() method is not exposed on the new Station automation model	
28581	"Fil" command does not work on HMIWeb displays	
29011	The combobox, and alphanumeric, on HMIWeb displays, should use smart color substitution when inverse	Do not use red or grey backgrounds on alphanumerics and comboboxes if you wish to display alarm or off scan states
29319	Not possible to click in the white space of an animated shapelink to select on displays.	
29438	No point selection features are available for a checkbox referencing a point.	
30009	Horizontal axis on Point Detail history disappears temporarily	
30211	Meta argument expansion needs to be implemented in the WebBrowser as it is in Station.	
30409	Combobox doesn't allow user to drop down and display list under area security (DSP and HMIWeb displays).	
30699	Pie Charts do not print (or appear in the Print Preview) on a dsp page.	
30892	ActiveXDocument object cause station always on the top of all other applications	
31049	With two Stations on one PC, and calling up two SCM charts, it is possible to hang Station (PAR 1-5L1U8)	Only call up one SCM chart at a time.
31330	Alphanumeric background does not print on HMIWeb displays.	
31408	Callup performance is slow for pages containing linked dynamic shapes	Use embedded dynamic shapes instead of linked shapes
31427	Level fill applied to a group of Elements, on a HMIWeb display, does not work for non-filled objects	Ungroup the objects
32643	Alphanumeric linecolorblink feature does not blink between the correct colors	
32818	If station.ini has the line "FixedWindowSize=1", it causes an error and Station will not start.	Don't set this parameter in the Station.ini file.
32954	Scripting: InvokeMenu does not work for point detail	Use InvokeMenu2 instead, e.g., window.external.InvokeMenu2("Request Point Detail")
33084	Station Status bar and Alarm bar become truncated when station is not at full screen mode.	
33143	Station doesn't appear in the Task Manager Application list and can cause other apps to not appear in list	
33149	Adding SubMenu when customizing menus makes shortcut key definitions disappear	After submenus have been added, manually edit the properties of any functions that should have shortcut keys and add them again.
33252	Can't double click a HMIWeb display to load it in the browser.	Load the browser first and then navigate to the display.

Table 3 Known Problems in Station

ISR	Description	Workaround
33327	Rotation can cause drawing problems - elements not drawn at correct size and position (both in Station & HDB)	Refresh the display.
33480	Screen saver is disabled by Station.	
33578	Double click on any element, after double click on combo, doesn't work (in browser only)	Click somewhere on the display then try double click again.
34123	Black Backgrounds get printed as white	Draw a rectangle on the page with the same color as the background and move it to the bottom of the z-order hierarchy.
34126	Station print of Alarm Line & Status Line needs labelling	
34137	Station print of Status Line is incorrectly formatted	
35043	Alphanumeric doesn't get data on a round-tripped display with FrontPage script attached when first called up.	
35088	Restarting Station too soon after exiting can cause an error	
35644	HMIWeb chart history type property page setting allows invalid settings	
35656	Chart history data incorrect becomes jagged when update rate is changed from fast to slow & vice versa	
35733	Data-bound HVG object does not draw its state correctly when printing a HMIWeb display.	
35782	Request Report shows already generated reports	
35789	On Application Point List configuration page, Hover text for Long Point IDs and Long Point. Description is not displaying all the characters.	
35865	Operator Guide not accessible if logged on to a secured station in R400	
36142	When pages are called up rapidly on eserver standard with a zero second cache time pages will fail to load.	
36265	Chinese & other non-English characters can't be pasted into Station.	
36281	Vertical scrolling can cause chart to incorrectly plot data	
36347	Report cannot be requested from eserver Standard Access	
36686	Raise/Lower function keys and toolbar buttons with combobox	Select the value by mouse click.
36822	Excel spreadsheet with "live" MEDE links is not closed when new page displayed	Click Yes on prompt.
36826	Alphanumerics with "data entry" disabled do not indicate that they have been selected in Station	
36878	Mouse pointer for faceplate over Alpha does not reflect operator change.	
36918	Background window will sync to alarm blink while using an ActX	window after the scaling function (PAR 1-8K9J5)
37171	The Application.MessageZoneText does not get displayed when executing from an OnChange/OnUpdate event	

Table 3 Known Problems in Station

ISR	Description	Workaround
37264	New InvokePopup method should allow the optional parameters	You must specify ALL parameters, e.g., window.external.InvokePopup "c:\honeywell\client\abstract\MyPopup.htm",0,0,0
37273	Inconsistency displaying parameter of invalid point between DSP and HMIWeb alphanumeric use scripting to hide elements bound to invalid points	
37826	Pt Detail Trend "Value At" data displayed in "E" format when > 99.5	
38111	When the field within the group is clicked, the field does not go black, ready for data entry, the numerics have to be deleted to enter data.	Ungroup the objects.
38148	Scripts in onshapeupload and onshapeunload events can't reference shape objects directly Script should use me.Objects("SPInd").value instead of SPInd.value	
38520	Need to be able to set plot info for bound plots.	
38522	Need to be able to set plot position at runtime	
39090	Signon Manager (SOM) does not accurately pass DOMAIN identity to Station	
39253	ActiveX documents on HMIWeb pages do not print	
39280	Page parameters can't be used with the SetCustomProperty method on dynamic shapes.	Use the following script: shape001.setcustomproperty "ParameterType", "ParameterName", "%CurrentPoint%" .
40038	One sentence is not able to be translated in connection properties	
40352	Station shows the CurrentPageLocation as //machine/...., when it should be \machine\....	
42015	Display problem after minimizing station: GTAC AS01 SR#1-30104532 (PAR 1-30104532)	
43528	Printer preferences override the page setup settings in station	Configure your printer to use landscape orientation by default.
45611	InProcess Safebrowse does not let contained active documents handle the ENTER key	
45859	If you start station with the -sf flag for full screen operation the help is always at the back.	
47168	Station allows displays to be called up from a web share but does not recognize the web share when it is on the display path.	
47258	Shutting down IE with a HMIWeb page displayed causes IE to crash	
47407	When you have 2 of the same string in a combobox, only the first one is selectable.	
48884	Display element's location changes in print preview.	
49097	Station start problem if default.stn is absent	
49655	Navigation problems in station when entering entire path of file in command zone.	Create a display page with a hyperlink. The path of the hyperlink is the same as that of the document created. Save the display page in a directory that is part of the Display Paths. Call the display page & click on the hyperlink.

Table 3 Known Problems in Station

ISR	Description	Workaround
50127	On HMIWeb page, Station shouldn't perform a deselect when receiving cancel command from server if it has no elements selected to begin with.	

Table 4 Known Problems in HMIWeb Display Builder

ISR	Description	Workaround
21853	Windows Media Play Active X Control doesn't load correctly.	
25172	Undo framework does not allow Undo of changes made to Data Source level property pages	
27038	Cannot <CTRL>C to copy selected text from a text box	
27101	Insert image does not support tga file	
27384	Scaling of groups containing rotated objects does not work properly.	
28322	Cannot set point/param in data tab to be a shape custom property until it is defined	Define shape custom property & then use it in the Data tab.
28446	Double-click on shape (explorer) opens the builder but causes an error.	Ignore error.
30182	Undoing a fill color change on a group does not work	
30300	Deletion of an embedded shape or image object does not clean up all files.	Save the file as a different display, delete the original, and then save it again.
30758	Desktop icons flicker when adding or deleting objects in the Builder	
31443	Toolbar line style picker does not work with multiple selection.	Change the line style on an element individually.
32670	Default settings (font, line color, fill color) do not work with all object types	
32686	ActiveX controls do not show a standard general tab	
32812	Shape directory priority buttons don't change the directory order.	
33239	Builder does not print high-resolution pages correctly	
34478	In Shapes, Typing "point" for a custom property's type is not recognized	Use "Point"
35916	There is no initial array index on the alphanumeric data tab in HMI DB	
38748	The toolbar color control will apply a background color to an image.	
39249	Printing: Display element Fillcolor does not appear in print or print preview	
41882	Transformations do not work on Display Builder shapes	
43639	HMI Web Display Builder terminates due to the scrip editor	Use other methods of indenting.
43817	Saving a display and shape file with the same names (in the same directory) will result in an invalid directory structure for the files	Make sure the display and shape files are saved with different names if they are in the same directory.
45499	Point browsing does not work in HMIWeb Display Builder for the chart	

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